

TEAM REDSTONE



EDUCATION OUTREACH CATALOG

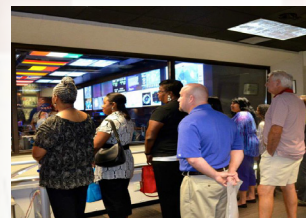
2014-2015

EDUCATE. EMPOWER. INSPIRE.



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INTRODUCTION TO REDSTONE



As a part of the greater Tennessee Valley Community, one of Team Redstone's goals is to expand partnerships with local schools to encourage growth in educational opportunities throughout the community.

As we look to the future, it's essential that we all have a clear mission, purpose and unyielding focus on students and continue setting high expectations for their educational opportunities. Education is more critical now than ever. Our students are depending on all of us to instill in them the knowledge they need to be successful and because of this Team Redstone has identified education as a top priority.

We believe that the installation, community, schools, and parents have a shared responsibility in meeting the educational needs of children. By pooling our available resources, not only is efficiency and effectiveness increased, the synergy can result in successes never thought possible.

The purpose of the Team Redstone Education Outreach Catalog is to communicate the programs and opportunities currently offered by Team Redstone and the local community to local schools. You will find information on each program and the organization that sponsors it. An online version can be accessed at http://www.redstonemwr.com/family/child_&_youth/liaison.php.

It is my hope that this catalog will prove beneficial in helping you equip our children to become college and career ready. For additional questions or concerns please feel free to contact Barbara Williams, School Liaison Officer, or Megan Gully, Public Affairs- Education Outreach.

Thank you again for all you do as educators in our community. Best wishes on a rewarding and successful school year.

A handwritten signature in black ink, appearing to read "W. Marks, II".

William L. Marks, II
Colonel, US Army
Garrison Commander

GARRISON EDUCATION OUTREACH



Barbara Williams

As the School Liaison Officer, Mrs. Williams interacts daily with local school administration, teachers and parents to promote quality education for military connected children and youth. Mrs. Williams is a 32-year veteran of the Huntsville school system.

Mrs. Williams can be reached at (256) 842-9642 or barbara.w.williams.naf@mail.mil.



Megan Gully

As a member of the Garrison Public Affairs Office, Mrs. Gully manages and coordinates education support services at the installation level to further strengthen the partnership between Redstone Arsenal and the community.

Mrs. Gully can be reached at (256) 876-4161 or megan.c.gully.civ@mail.mil.

For more information on the Garrison's education programs please visit page 14.



ORGANIZATIONAL INFORMATION

The U.S. Army Materiel Command (AMC) is the Army's premier provider of materiel readiness—technology, acquisition support, materiel development, logistics power projection, and sustainment—to the total force across the spectrum of joint military operations. If a Soldier shoots it, drives it, flies it, wears it, communicates with it, or eats it, AMC provides it.

The command's complex missions range from development of sophisticated weapon systems and cutting-edge research, to maintenance and distribution of spare parts.

AMC operates the research, development and engineering centers; Army Research Laboratory; depots; arsenals; ammunition plants; and other facilities; and maintains the Army's prepositioned stocks, both on land and afloat. The command is the Department of Defense Executive Agent for the chemical weapons stockpile and for conventional ammunition.

Major subordinate commands of AMC include the Army Contracting Command at Redstone Arsenal, Ala.; Army Sustainment Command at Rock Island Arsenal, Ill.; Aviation and Missile Life Cycle Management Command at Redstone Arsenal, Ala.; CECOM Life Cycle Management Command Aberdeen Proving Ground, Md.; Joint Munitions and Lethality Life Cycle Management Command at Picatinny Arsenal, N.J.; Joint Munitions Command at Rock Island, Ill.; Military Surface Deployment and Distribution Command at Scott Air Force Base, Ill.; Research, Development and Engineering Command at Aberdeen Proving Ground, Md.; TACOM Life Cycle Management Command at Warren, Mich.; and the U.S. Army Security Assistance Command at Redstone Arsenal, Ala.

Other AMC subordinate commands and organizations located at Redstone Arsenal include the Expeditionary Contracting Command; Aviation & Missile Research, Development & Engineering Center; and the Logistics Support Activity.

Education Outreach Programs:

Army Materiel Command's Band partnerships with local schools
Classroom Speakers

Community Partnerships:

Girls Science & Engineering Day

Point of Contact:

Kara Wall
Public Affairs Specialist
Office: (256) 450-8936
Email: kara.b.wall.civ@mail.mil

SFC Carlos Packard
Operations NCOIC, AMC Band
Office: (256) 450-8086
Email: carlos.packard.mil@mail.mil



ARMY CONTRACTING COMMAND



ORGANIZATIONAL INFORMATION

The U.S. Army Contracting Command's (ACC) Soldiers, civilians and contractors support our Warfighters worldwide by acquiring equipment, supplies and services vital to our Soldiers' mission and daily needs. Purchases range from food, clothing, bullets and bombs, to tanks, trucks, helicopters and planes, to their weapons and the installations where they work and live with their families. ACC ensures our Soldiers have what they need to be successful at home and at work. ACC is a major subordinate command of the Army Materiel Command.

Education Outreach Programs:

Classroom Speakers
Future Acquisition Student Training (FAST)
Read Across America

Point of Contact:

Giselle Bodin Lyons
Outreach Manager
Office: (256) 955-7645
Email: giselle.n.bodinlyons.civ@mail.mil



ORGANIZATIONAL INFORMATION

The Expeditionary Contracting Command (ECC) provides effective and agile contracting services across the full spectrum of military operations or Army commanders and joint Warfighters as well as to other Defense organizations at locations outside the continental United States. ECC accomplishes this vital mission through nine contracting support brigades, 16 senior contingency contracting battalions and 92 contingency contracting teams throughout the world. ECC is a subordinate command of the U.S. Army Contracting Command, a major subordinate command of the Army

Materiel Command.

Education Outreach Programs:

Classroom Speakers

Point of Contact:

Giselle Bodin Lyons (temporarily)
Media and Outreach Manager
Office: (256) 955-7645
Email: giselle.n.bodinlyons.civ@mail.mil

ATF-NATIONAL CENTER FOR EXPLOSIVES TRAINING & RESEARCH



Organizational Information

The ATF National Center for Explosives Training and Research (NCETR) is an explosives programs operational response, training, and research center located on Redstone Arsenal. It opened in October 2010, and since that time ATF has centralized its explosives operational response programs and its training and research personnel to NCETR.

This multi-disciplinary facility is unique in the United States. With a large portion of ATF's explosives-related operational, training, research, and development intelligence assets under one roof, domestic and international

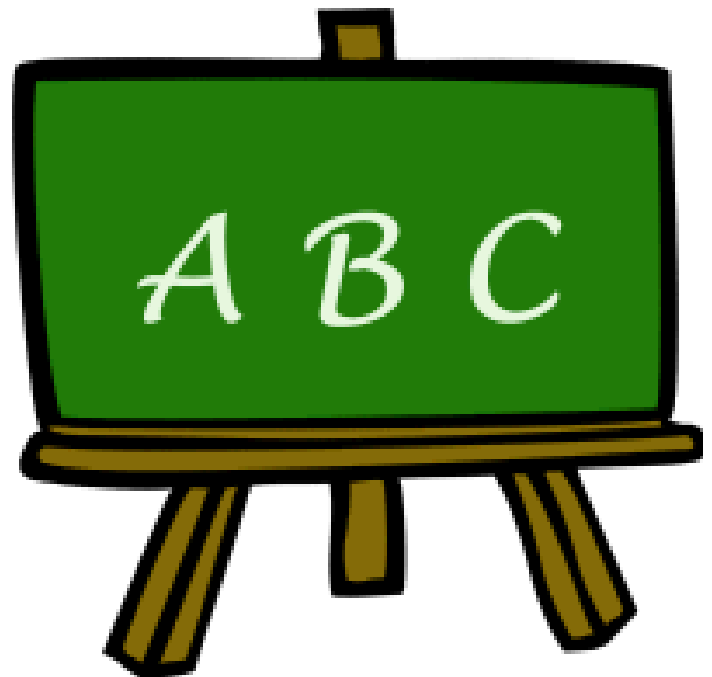
law enforcement agencies can receive world-class explosives training.

Education Outreach Programs:

Tours (High School and University Students only)

Point of Contact:

Special Agent Bradley S. Earman
Acting Director, NCETR
Office: (256) 261-7603
NCETR-Mailbox@atf.gov



AVIATION & MISSILE LIFE-CYCLE MANAGEMENT COMMAND



ORGANIZATIONAL INFORMATION

AMCOM serves as the Army's sustainment manager—by integrating with two Program Executive Offices and their respective project managers—AMCOM ensures cradle-to-grave management of aviation and missile systems. AMCOM supports the lifecycle management responsibility of program managers by providing engineering, logistics, and acquisition personnel and services covering over 90 major systems- about half the systems in the Army today.

Education Outreach Programs:

Adventures at AMCOM

Read Across America

Lecturers Program

Classroom Speakers Program

Community Partnerships:

Community Awareness for Youth

Girls Science & Engineering Day

JROTC Awards Program

Partners w/ six local colleges and universities: UAH, Athens State,

AAMU, Oakwood University, Calhoun Community College and Wallace State

Point of Contact:

Julie Frederick

Public & Congressional Affairs

256-955-9174

Julie.a.frederick.civ@mail.mil



AVIATION & MISSILE RESEARCH, DEVELOPMENT & ENGINEERING CENTER



ORGANIZATIONAL INFORMATION

The U.S. Army Aviation and Missile Research, Development and Engineering Center (AMRDEC), a major component laboratory of the Army's Research, Development and Engineering Command (RDECOM), is the Army's focal point for research, development, and engineering services for aviation and missile technology.

In addition to conducting research and advanced development, AMRDEC provides one-stop life cycle engineering and scientific support for aviation systems, missile systems, and unmanned aerial platforms. AMRDEC has an extensive history of providing world-class aviation and missile systems to the Warfighter. At present, more than 3,042 employees work at the AMRDEC, of which approximately 2,458 are scientists and engineers. Consequently, AMRDEC has a vested interest in actively supporting the development of Science, Technology, Engineering, and Mathematics (STEM) talent in the region.

AMRDEC OUTREACH PROGRAM

• STEM Camps/Events

- ☐ SSE – STEM Summer Experience Camps
- ☐ STTC – STEM Teacher Collaboration Workshops

• AEOP Portfolio Programs

- ☐ GEMS - Gains in the Education of Math & Science
- ☐ SEAP/CQL - Science and Engineering Apprentice Program/College Qualified Leader
- ☐ e-CYBERMISSION
- ☐ REAP Partnerships - Research and Engineering Apprenticeship Program
- ☐ UNITE Partnerships
- ☐ JSS - Junior Solar Sprint

• Science Fairs

• Laboratory Facilities Tours

• University Technology Exchanges

• Career Exploration Experiences - ACE2 (Job Shadowing)

• Outreach Cooperative Education Experiences

• Career Talks/Interactive Presentations

• Keynote Addresses

• Classroom Reading Programs

• Cross-Cultural Awareness Programs

• Mentoring/Tutoring Opportunities

• Customary Community Outreach Involvements

- ☐ MATHCOUNTS
- ☐ FLL Robotics / BEST Robotics
- ☐ Project Lead the Way
- ☐ Radio Frequency Technology Clubs
- ☐ Girls Science & Engineering Day



Point of Contact:

Gayla Turner McMichael

Outreach & Diversity Program Manager

Website - <https://www.educationoutreachherald.com>

Facebook - <http://www.facebook.com/STEMOutreach>

Twitter - <https://twitter.com/AMRDECSTEM>

Email - AMRDEC-Outreach@amrdec.army.mil

Off: 256-876-2789 Fax: 256-313-2440



ORGANIZATIONAL INFORMATION

The Defense Acquisition University provides a global learning environment to develop qualified acquisition, requirements and contingency professionals who deliver and sustain effective and affordable warfighting capabilities. The DAU is the one institution that touches every professional in the Defense Acquisition Workforce in every stage of their career. DAU's products and services target workplace performance and promote mission effectiveness, and are critical to improving the professionalism of the Defense Acquisition Workforce.

Education Outreach Programs:

- Engineering Management Workshop
- Science Fair Judges
- Classroom Speakers
- Teacher and Student Coaching and Mentoring
- Curriculum Development and Support
- Event Support

Point of Contact:

Jeff Craver
STEM Education and Outreach Coordinator
Professor of Engineering Management
Office: (256) 922-8153
Email: jeff.craver@dau.mil



DEFENSE INTELLIGENCE AGENCY- MISSILE & SPACE INTELLIGENCE CENTER



ORGANIZATIONAL INFORMATION

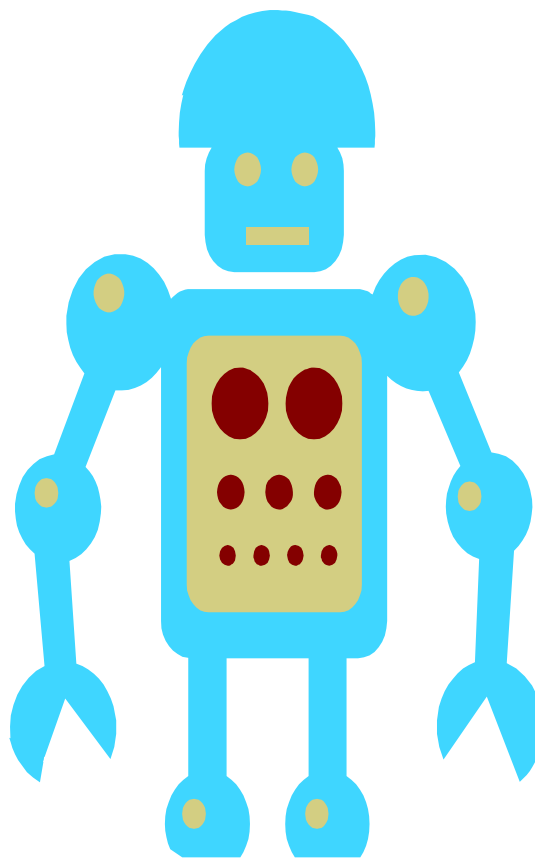
The Defense Intelligence Agency is a Department of Defense combat support agency and an important member of the United States Intelligence Community. With more than 16,500 military and civilian employees worldwide, DIA is a major producer and manager of foreign military intelligence. We provide military intelligence to Warfighters, defense policymakers and force planners, in the Department of Defense and the Intelligence Community, in support of U.S. military planning and operations and weapon systems acquisition.

Education Outreach Programs:

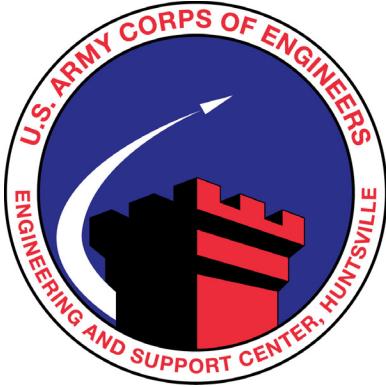
Adopt-A-School (Partners in Education) – University Place Elementary & Westlawn Middle School
Defense Intelligence Scholars Program
DIA Summer Intern Program
Financial Management Leadership Program
STOKES Educational Scholarship Program

Point of Contact:

Shelton Torbert
Diversity Management
Office: (256) 313-7134
Email: shelton.torbert@msic.dia.mil



ENGINEERING & SUPPORT CENTER – HUNTSVILLE



ORGANIZATIONAL INFORMATION

The U.S. Army Engineering and Support Center, Huntsville, is a specialized agency of the U.S. Army Corps of Engineers.

The Huntsville Center missions involve programs that are national or broad in scope; require integrated facilities that cross geographical boundaries; require commonality, standardization, multiple-site adaption, or technology transfer; require a centralized management structure for the effective control of program development, coordination, and execution; or require services not normally provided by other Corps elements. Our mission areas are Installation Support and Programs Management, Ordnance and Explosives, Engineering, Chemical Demilitarization, and Environmental and Munitions Center of Expertise.

Education Outreach Programs:

- Alabama Science Fairs
- Classroom Speakers
- Earth Day
- Geographic Information System Day
- North Alabama Junior Achievement
- National Engineers Week Mentoring Activity
- School Career Days
- Tours

Community Partnerships:

- North Alabama Adventures in Engineering
- Engineers Make a World of Difference
- FMBC National Science Week
- Future Business Leaders of America
- Minority and women speakers to inspire students into careers with engineering
- National Science Foundation & Huntsville Main Public Library Discover Tech Exhibition
- SAME Science Fair

Point of Contact:

- Jo Anita Miley
- Public Affairs Specialist
- Office: (256) 895-1585
- Email: joanita.miley@usace.army.mil



ORGANIZATIONAL INFORMATION

Programs within the Hazardous Devices Operations Section (HDOS) play a vital role in the Bureau's strategic objective to prevent and effectively respond to terrorist or criminal use of hazardous devices explosives and weapons of mass destruction (WMD).

Since 1971, the section has managed the nation's only facility to train and certify public safety bomb technicians to render safe hazardous devices. The FBI's Hazardous Devices School (HDS) at Redstone Arsenal in Huntsville, Alabama is often referred to as the National Academy for bomb technicians. HDS has provided training to over 20,000 state and local first responders. National standards published by the FBI for training state and local bomb squads provides the necessary foundation for an effective response to federal crimes involving hazardous devices, terrorist bombing campaigns, or use of a WMD.

Education Outreach Programs:

Tours (College Students Only)

Point of Contact:

Hazardous Devices School

Office: (256) 313-8801





ORGANIZATIONAL INFORMATION

Fox Army Health Center is located on Goss Rd on the NW corner of Redstone Arsenal where we deliver health care services to a population that exceeds 60,000 beneficiaries in the Tennessee Valley Area. Services include outpatient care in Family Medicine, Internal Medicine, Pediatrics, Optometry, Physical Therapy, Wellness Clinic, Behavioral Medicine and Preventive Medicine. We also provide a robust Pharmacy Service and limited diagnostic services in Laboratory and Radiology. Additionally, we operate a Warrior Medicine Clinic, a Physical Exams Section, and an Aviation Medicine Clinic.

Education Outreach Programs:

Wellness Class Offerings
Cholesterol Management Class
Weight Management for Beginners
Tobacco Cessation Class
Diabetes Self Management Seminar
Welcome to Wellness/welcome to Readiness Seminar
Lunch and Learn Classes

Community Partnerships:

Health Fairs
FMWR Health Fair
Retiree Appreciation Day Health Fair
US Army Corp of Engineers Health Fair
Federal Occupational Health Fair
Space and Missile Defense Command Safety Day Health Fair
*Other community health fairs as scheduled throughout the year

A Wellness Clinic calendar of events is posted on the Fox Army Health Center website at www.redstone.amedd.army.mil

Point of Contact:

Sheila De Rochemont
Health Promotion Coordinator / BLS Director
Office: (256) 955-8888 ext. 1443





ORGANIZATIONAL INFORMATION

U.S. Army Garrison-Redstone provides support to all organizations on Redstone Arsenal. It provides high quality, cost-effective base operations support to its customers, tenants and other Department of Defense and federal activities in the region- similar to those services provided by a city government.

The Garrison provides life support for Redstone Arsenal through fire and emergency services, water, sewage, heating and cooling plant operations, grounds maintenance, and the maintenance and upkeep of facilities occupied by those who work, live, and play within Redstone Arsenal.

Education Outreach Programs:

Chart Your Course: Planning a Successful Journey through High School and Beyond

Classroom Speakers

Earth Day

Education Tours

Impact Aid

JROTC Awards Program

JROTC Day

National Guard and Reserve Institute

Parent 2 Parent

Quarterly Education Meetings

Read Across America

Resiliency Training for Children and Teens

Special Olympics

Student Passports

Student 2 Student and Junior Student 2 Student Programs

The Ultimate Career Guide

Transition Counselor's Institute

Veteran's Day Speakers

Volunteer Services

Community Partnerships:

Community Awareness for Youth

Point of Contact:

Megan Gully

Public Affairs Specialist

Office: (256) 876-4161

Email: megan.c.gully.civ@mail.mil

Barbara Williams

School Liaison Officer

Office: (256) 842-9642

barbara.w.williams.naf@mail.mil



ORGANIZATIONAL INFORMATION

The Missile Defense Agency (MDA) is a research, development, and acquisition agency within the Department of Defense. Our workforce includes government civilians, military service members, and contractor personnel in multiple locations across the United States. We are focused on retaining and recruiting a dedicated workforce interested in supporting our national security.

As we develop, test, and field an integrated Ballistic Missile Defense System (BMDS), the MDA works closely with the Combatant Commanders (e.g. Pacific Command, Northern Command, etc.) who will rely on the system to protect the United States, our forward deployed forces, and our friends

and allies from hostile ballistic missile attack. We work with the Combatant Commanders to ensure that we develop a robust BMDS technology and development program to address the challenges of an evolving threat. We are also steadily increasing our international cooperation by supporting mutual security interests in missile defense.

Education Outreach Programs:

Classroom Speakers
MDA Math Challenge Week
MDA Engineering in Art
MDA Target...? College!

Community Partnerships:

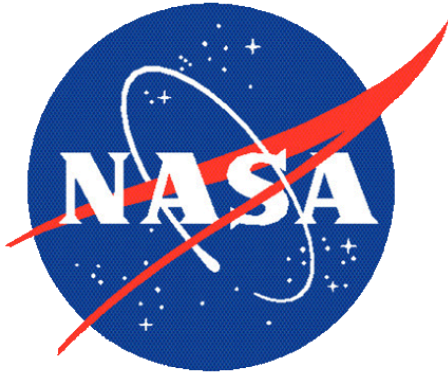
Alabama Regional IEEE Future City Competition
Boosting Engineering Science and Technology Robotics
Junior Achievement North Alabama Adventures in Engineering
Junior Achievement North Alabama Job Shadow
UAHuntsville Innovative System Project for the Increased Recruitment of Emerging STEM Students (InSPIRESS)

Point of Contact:

Dr. David Burns
Director of Science and Technology
Advanced Technology

Dr. Doug Deason
Director of Advanced Research
Advanced Technology

Office: (256) 450-5260
Email: STEMOutreach@mda.mil



ORGANIZATIONAL INFORMATION

At NASA's Marshall Space Flight Center, where the nation's journey to space began more than a half-century ago, a dedicated group of engineers, scientists and business professionals lead the development and testing of tomorrow's flagship space vehicles, space systems and rocket engines. Together with partners across NASA and around the world, Marshall is engaged in a large part of the agency's work, especially propulsion and space transportation, engineering, science, space systems and space operations, and project and program management. With a highly skilled and diverse workforce, proven technical and scientific experience, and state-of-the-art laboratories and test facilities, Marshall stands at

the intersection of science and exploration -- delivering safe, affordable and sustainable solutions that will change our world... and bring us closer to countless others across the cosmos.

Education Outreach Programs:

Digital Learning Network
Educator Resource Center
NASA Internships, Fellowships, and Scholarships

Community Partnerships:

Community Awareness for Youth

Point of Contact:

Jeff Ehmen, Precollege Officer
Academic Affairs Office
Office: (256) 961-1567
Email: Jeff.ehmen@nasa.gov



PROGRAM EXECUTIVE OFFICES



ORGANIZATIONAL INFORMATION

The Program Executive Office (PEO) Aviation is the Army manager for eight Project Offices including the Apache Attack Helicopter, Armed Scout Helicopter, Aviation Systems, Cargo Helicopter, Unmanned Aircraft Systems, Utility Helicopter, Non-Standard Rotary Wing Aircraft and Fixed Wing Aircraft, and is headquartered on Redstone Arsenal, Alabama.

Education Outreach Programs:
Classroom Speakers

Point of Contact:

Sofia Bledsoe, Public Affairs officer
Office: (256) 313-5468
Email: Sofia.C.Bledsoe.civ@mail.mil



ORGANIZATIONAL INFORMATION

The Program Executive Office (PEO) Missiles and Space provides centralized management for all Army air and missile defense and tactical missile programs as well as selected Army Space programs. The PEO is responsible for the full life-cycle management of assigned programs.

The PEO Missiles and Space reports to the Army Acquisition Executive and is aligned with the Aviation and Missile Life Cycle Management Command at Redstone Arsenal. This Materiel Enterprise relationship

enhances the PEO's ability to provide the world's finest support to our Army, Joint Service, Interagency, and coalition Warfighters and customers while continuing the Army's modernization.

Education Outreach Programs:

Classroom Speakers
JROTC Days
Onsite Equipment Display Tour
STEM Programs of Instruction delivered at your school

Point of Contact:

Jayne Jordan, Outreach and Events Coordinator
Office: (256) 313-3411
Email: Jayne.h.jordan.civ@mail.mil





ORGANIZATIONAL INFORMATION

The U.S. Army 2nd Recruiting Brigade leads and recruits qualified men and women throughout our area of responsibility to provide the strength of the Army and nation. The brigade relocated to Redstone Arsenal in October 2008, due to Base Realignment and Closure (BRAC) transformation. Covering the eight southeastern states, Puerto Rico and the U.S. Virgin Islands, the 2nd Recruiting Brigade has more than 2,400 Soldiers and civilians, the majority of which are Soldiers on recruiting duty working in the field to recruit the best and brightest Future Soldiers for the Active Army and Army Reserves.

Education Outreach Programs:

ASVAB-Career Exploration Program
Classroom Speakers
Educational tours and discussions
March2Success

Community Partnerships:

Community Awareness for Youth



ORGANIZATIONAL INFORMATION

The 2nd Medical Recruiting Battalion employs precision recruiting operations in order to achieve its mission and lead the Army Medical Department's effort to recruit quality health care professionals to preserve the Army's fighting strength. The Battalion's area of operations includes 10 states throughout the southeastern United States, as well as Puerto Rico and the Virgin Islands. The Battalion has 84 Active Duty and Army Reserve Recruiters along with 18 Department of the Army civilians working out of 18 recruiting stations.

Education Outreach Programs:

Classroom Speakers

Community Partnerships:

Community Awareness for Youth

Point of Contact:

Chris Putman, Public Affairs Officer
Office: (256) 450-9543
Email: christopher.u.putman.civ@mail.mil



ORGANIZATIONAL INFORMATION

The Redstone Test Center (RTC) is a U. S. Army Test and Evaluation Command (ATEC) tenant activity on Redstone Arsenal. RTC encompasses over 14,000 acres, or about one-third of the land area of Redstone Arsenal, providing cutting edge test and evaluation support for our customers since the early 1950's. Our mission is to provide superior technical expertise and state-of-the-art facilities and capabilities to plan, conduct, analyze and report the results of tests on aviation, missile and sensor systems, subsystems and components.

Community Partnerships:

Classroom Speakers
Educational Tours
JROTC Day
Read Across America
Girl's Science & Engineering Day

Point of Contact:

Ashley Crick
Office: (256) 955-0888
Email: ashley.c.crick.ctr@mail.mil

Mitzi Morris-Hannah
Human Resource Manager,
Learning and Organizational Development
Office: (256) 955-2655
Email: mitzi.a.morris-hannah@us.army.mil





ORGANIZATIONAL INFORMATION

The mission of the U.S. Army Security Command (USASAC) is to implement approved U.S. Army security assistance programs, including Foreign Military Sales (FMS) of defense articles and services to eligible foreign governments. USASAC is responsible for life cycle management of FMS cases, from pre-letter of request, development, execution, and closure. The command manages more than 4,600 FMS cases for 145 countries valued at more than \$130 billion. USASAC also manages the Army's co-production program. In addition, USASAC is responsible for Army security assistance information management, financial policy, provides policy, procedure, and guidance to the Army security assistance community.

Security assistance is a national program supervised and directed by the State Department. In conjunction with the White House, Congress, and the Treasury Department, military security assistance programs are executed by the Department of Defense. Security assistance promotes regional stability, deters aggression, maintains alliances, enhances coalition partnerships, and disseminates democratic values between the United States and its allies.

Education Outreach Programs:

Classroom Speakers
Read Across America

Point of Contact:

Kim Gillespie
Public Affairs Officer
Office: (256) 450-5727
Email: Kimberley.c.gillespie.civ@mail.mil

Michelle Harlan
Public Affairs Support
Office: (256) 450-5679
Email: michelle.m.harlan2.ctr@mail.mil



SPACE & MISSILE DEFENSE COMMAND/ ARMY FORCES STRATEGIC COMMAND



ORGANIZATIONAL INFORMATION

The U.S. Army Space and Missile Defense Command/Army Forces Strategic Command (USASMDC/ARSTRAT) serves as the Army Service Component Command (ASCC) to U.S. Strategic Command (USSTRATCOM). USASMDC/ARSTRAT conducts space operations and provides planning, integration, control, and coordination of Army forces and capabilities. USASMDC/ARSTRAT serves as the Army's proponent for space and ground-based midcourse defense and as the operational integrator for global ballistic missile defense. The command also plays a key role in research, development, and acquisition of future technologies as part of its Title 10 responsibilities. USASMDC/ARSTRAT partners with the Missile Defense Agency, supporting its quest to build a missile defense capability for our nation, and takes pride in moving Warfighting technologies from concept to combat.

Education Outreach Programs:

Classroom Speakers
Tours

Community Partnerships:

North Alabama Adventures in Engineering Day
Special Olympics
Space Camp Scholarships Program
Space and Missile Defense Working Group
Tennessee Valley Veterans activities

Point of Contact:

Jason Cutshaw
Office: (256) 955-3888
Email: Jason.b.cutshaw.civ@mail.mil



COMMUNITY PARTNERS

Team Redstone is excited to expand the 2014 edition of the Education Outreach Catalogue, with a section including our Community Partners and more resources available for local teachers and students!

If your organization would like to be added to our community partners section please contact Megan Gully, (256) 876-4161 or megan.c.gully.civ@mail.mil.

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ORGANIZATIONAL INFORMATION

The Arts Council stimulates and supports community creativity and engagement by advancing the arts, entertainment and culture to enrich quality of life, education, and economic development in the greater Huntsville metropolitan region. With over 230 member arts organizations, individual artists, arts patrons, and other arts-minded non-profits, companies, and technical and

professional organizations, The Arts Council focuses on five core community programs while serving as an umbrella organization for area arts groups and individual artists, providing them with resources and tools to ensure their success. Those five programs are Arts Community Support & Promotions, Arts Education, Public Art, Concerts in the Park & Community Events, and The Panoply Arts Festival.

Education Outreach Programs

Arts Education Resource Guide
Spring Into Summer Activities Fair
Panoply School Days
Panoply Arts Festival
Arts Education

Point of contact-

For information about our membership, volunteering, or the Education Resource Guide
Gina Hurst
Member Services Manager
Office: (256) 519-2787 x 101
Email: ghurst@artshuntsville.org

For information about Panoply School Days or other arts education opportunities, contact The Arts Council at (256) 519-2787 or visit www.artshuntsville.org.



ORGANIZATIONAL INFORMATION

EXPLORE the museum's exhibitions – Buccellati Silver Animals and American Studio Glass. Visit the museum's website to view current exhibitions. School and Group Docent-Led Tours are available with two weeks notice. Contact the Education Department at 256-535-4350 ext 223 or info@hsvmuseum.org

DISCOVER the Stender Family Interactive Education Galleries – ART LAB and A Walk Through Time. ART LAB provided hands-on activities, which instruct on the basic elements of art – color, line, shape and texture. A Walk Through Time is an immersive gallery in which students of all ages take a journey through the major events in art history and includes replicas of famous works of art.

CREATE in the Museum Academy – Master Artist Workshops & Classes for Adults, Children and Teens – drawing, painting, ceramics, mixed media and much more! The Academy's programs are held in two classrooms on the Plaza Level in the Museum overlooking the Big Spring International Park. Also inquire about Happy Birthday! Art Museum Parties.

Education Outreach Programs

-Docent-Led Tours and Hands-On Art Activities

Museum docents provide an opportunity for students to learn about the visual arts. By participating in the Museum tours, students will expand their creative and problem-solving skills.

-Drop-In and CREATE Saturdays, 11 a.m. to 1 p.m.

Visit <http://www.hsvmuseum.org/programs/family-art-activity-day/> for the schedule.

-Memberships

Individual and family memberships allow free museum admission and discounts on store items, Museum Academy classes and workshops. For more information, visit www.hsvmuseum.org/join/.

Point of Contact:

Laura E. Smith

Director of Education/Museum Academy

Office: (256) 535-4350 ext. 222

Email: lsmith@hsvmuseum.org

To learn more about the exhibition and educational programs, visit www.hsvmuseum.org.

J.F. DRAKE STATE COMMUNITY AND TECHNICAL COLLEGE



ORGANIZATIONAL INFORMATION

J.F. Drake State Community and Technical College, the first and only comprehensive community and technical college in Alabama, is a Historically Black, public, two year institution dedicated to the advancement of the highest caliber of academic and technical education. The College seeks to satisfy the diverse needs and academic pursuits of the community by offering adult education and transitional studies, noncredit short term courses, college/university transfer, and continuing education courses that provide the citizens of North Alabama with flexible and innovative, academic, career and technical education at a reasonable cost.

Drake State offers 48 certificates and degrees in its 18 technical disciplines. In 2015, the College will begin offering Associate in Arts and Associate in Science degrees for students seeking transfer to four year universities and colleges. The College also has a Weekend and Evening College, which offers shortterm community interest classes as well as credit classes on Saturdays, Sundays and in the evenings.

The College received regional accreditation through the Southern Association of Colleges and Schools Commission on Colleges effective January 2012. This significant accomplishment ensures transferability of general education courses, and streamlines the transition of students from two-year degrees into university programs anywhere in the United States.

From its inception, Drake State has been committed to training individuals for employment in vocational, technical and industrial pursuits. Because of its unique location in the "Space and Rocket Capital," with its proclivity for "high tech," Drake State is dedicated to the teaching and development of top-tier technical skills obtained through state of the art facilities and equipment. The College aims to produce an effective participatory citizenship, with not only economic potential, but also with civic and social commitment as well.

Drake State's award winning students are encouraged to excel by a highly qualified faculty that includes many doctorally prepared faculty, a NAFEO Noble Laureate, and three Alabama State Chancellor's Award winners. With course offerings at its high tech campus and historic downtown Huntsville site, Drake State has been preparing students for careers and continuing education for more than 50 years, achieving a high placement rate for its graduates and giving credence to the school's motto: Our Graduates Work!

Education Outreach Programs

- Campus Tours
- Classroom Speakers/Lecturers
- Career Coaching Sessions
- Display and fair booths
- Presentations

S.T.E.M Summer Programs

- The High School Summer Bridge Program
- The Adult Summer Bridge Program
- Peers Promoting Progress
- Robotics Camp
- Manufacturing Technology Camp
- Cybersecurity Camp
- Summer Technology Institute

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MILITARY CHILD EDUCATION COALITION



Military Child Education Coalition
...for the sake of the child.

ORGANIZATIONAL INFORMATION

The work of the Military Child Education Coalition (MCEC) is focused on ensuring quality educational opportunities for all military children affected by mobility, family separation, and transition. A 501(c)(3) non-profit, world-

wide organization, the MCEC performs research, develops resources, conducts professional institutes and conferences, and develops and publishes resources for all constituencies. <http://www.militarychild.org>

Military Student Transition Consultant:

The Military Student Transition Consultant (MSTC) Program is an opportunity for school districts to partner with the Military Child Education Coalition as we augment the services of installation-based School Liaison Officers in support of our Nation's military children.

Through a school-based concept of first-responders, the MSTC model provides a professionally staffed solution to support our military-connected children through times of transition, during all phases of deployment, separation and change. The MSTC supports a positive relationship between the school district and the military community and established protocols to communicate and market available school district and Army resources and school events to families. The MSTC also works with military connected students and others to coordinate and support efforts to assess needs, build awareness of resources, and provide a connection between students and families with emphasis on finding solutions.

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U.S. SPACE & ROCKET CENTER



ORGANIZATIONAL INFORMATION

The U.S. Space & Rocket Center (USSRC) is home to the most comprehensive American space and defense hardware collection in the world. The USSRC, a Smithsonian Affiliate, is the Official Visitor Information Center for NASA's Marshall Space Flight Center and proudly features exhibits from Team Redstone. More than 15.5 million guests have visited the Center since it opened in 1970.

The Center was named Alabama's number one tourist attraction in 2012 and features both IMAX® and 3-D theaters, as well as museum galleries showcasing the Army's historic Explorer I satellite to the Saturn V moon rocket – a National Historic Landmark. See a moon rock and actual Apollo 16 capsule alongside training hardware from the Mercury, Gemini, Apollo and Skylab programs. Active military members are admitted free to the museum, while spouse and dependents receive discounts.

Home to Space Camp® and Aviation Challenge®, the USSRC is internationally-recognized for excellence in science, technology, engineering and mathematics (STEM) programs for students, teachers and families. In 2013 the new ASTRobotics weeklong camp began, which focused on air, sea and terrestrial robotics.

Teachers from all over the world come to Huntsville during June and July to participate in Space Academy for Educators®, which offers options both for continuing education and credits toward a master's degree. Educators are welcome to visit NASA Marshall Space Flight Center's Educator Resource Center located on the USSRC campus.

Education Outreach Programs

Camp Programs

To learn more about these programs, visit www.spacecamp.com/programguide

Space Academy for Educators	Space Camp*
Aviation Challenge*	Robotics Camp*
Family Camp	Pathfinder
Surveyor	Expedition

*Active military families enjoy a 20% discount on these weeklong programs!

Field Trips/Group Trips

To learn more about these group programs, visit www.rocketcenter.com/groups

Ultimate Field Trip	Daily Space Adventure
Scuba Experience	Ropes Course

Saturday Scientist Workshops

The USSRC offers hands-on workshops for children ages 3-12 on selected Saturdays. Visit www.rocketcenter.com for a full schedule.

Pass the Torch Inspirational Series

The community is invited to hear distinguished guests speak at the Pass the Torch Inspirational Series at selected times of the year.

Memberships

Individual and family memberships allow free museum access and discounts on movies, food and gift shop items. For more information, visit www.rocketcenter.com, and click on the tab, Join and Support.

Point of Contact

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Adopt-A-School – Adopt-A-School is a commitment of time, energy, and expertise by a Team Redstone organization to an individual school. Examples of potential support include tutoring, mentoring, job ready, work experiences, career/vocational preparation, crime prevention, drug/alcohol awareness, stay-in-school campaigns, and youth leadership opportunities, assist teachers in gifted programs, computer labs, woodworking or work with special needs students, logistical support for school programs, special skills & expertise/speakers bureau.

Adventures at AMCOM - Established in the summer of 2010, this program is directed at 8th through 12th graders. This program uses a competitive selection process to select students to spend five days interacting and touring AMCOM mission areas as well as other Army organizations at Redstone Arsenal. It focuses on critical thinking, team building, problem solving and presentation skills, all while educating the students about the many career fields needed on the Arsenal.

Alabama Regional IEEE Future City Competition - Middle school students compete to develop a future city to address a specific topic, such as affordable housing for low-income residents. Frequency: January, annually.

Alabama Science Fairs – The U.S. Army Engineering and Support Center, Huntsville provides a judging panel of engineers and scientists to rate projects at local school, colleges and universities. The events are held to promote STEM awareness. <http://narsef.uah.edu/>

AMCOM Lecturers for College/University students - Educational career presentations that cover a wide variety of topics, to include mock job interview sessions, motivational speeches, resume writing tips, logistics presentations, etc.

Army Educational Outreach Program - The AEOP is comprised of Army-sponsored research, education, competitions, internships, practical experiences, and teacher trainings designed to engage and guide students and teachers in STEM. www.usaeop.com

Arts Education: Learning about (and through) the arts gives children and adults of all ages more than mere knowledge; it helps them understand themselves and the world around them in a way nothing else can. While substantial progress has been made in incorporating the arts into our schools, there is still much to be done. The Arts Council is active in the movement to power education through STEAM: science, technology, engineering, art and math. The Arts Council also supports the Huntsville arts community as our membership of more than 230 organizations, small businesses and individual artists produce educational programs in our area schools. AGES/GRADES: All

Arts Education Resource Guide: The Arts Resource Guide is filled with information about local arts organizations that have programs available for children in grades K-12. These programs include a wide variety of field-trips, in-school performances, lectures, classes and much more. The purpose of this guide is to enable teachers to incorporate the arts into your classroom and expose students to the abundance of creativity and culture that Huntsville has to offer. The Arts Council strives to support local educators who work hard every day to provide a quality education to our children. This guide can also be used as a tool for homeschool families to discover educational opportunities across a wide array of arts and culture in our area.

PROGRAM DESCRIPTIONS

ASVAB CAREER EXPLORATION PROGRAM - a career planning and exploration program that combines a multiple-aptitude test with an interest self-assessment and a wide range of career exploration tools. And it's FREE to participating schools. <http://www.asvabprogram.com/>

Boosting Engineering Science and Technology Robotics - Middle and high school student teams build a robot from raw materials, provide an overview during an oral presentation and at a self-constructed booth, create t-shirts and a mascot, and develop an engineering notebook. Frequency: October, annually.

Defense Intelligence Agency Scholars Program - The Defense Intelligence Scholars Program affords a small select number of college graduates the opportunity to obtain a quality education that will get their career off to a successful beginning. Defense Intelligence Scholars will begin their DIA employment with a formal agency orientation program in the National Intelligence University. <http://www.dia.mil/careers/students/>

Defense Intelligence Agency Summer Intern Program - DIA's Summer Intern Program provides promising undergraduate and graduate students the opportunity to gain practical work experience in the areas of analysis, research, report writing, oral briefings, policy development, program management, and computer applications related to the intelligence field. Interns are appointed from June through August, as full-time, temporary employees. <http://www.dia.mil/careers/students/>

Digital Learning Network - DLN offers videoconferencing or Webcasting at no charge, providing interactive educational experiences to students and educators from kindergarten to university levels across the Nation and around the world.

http://www.nasa.gov/offices/education/programs/descriptions/Digital_Learning_Network.html

Earth Day – Redstone Arsenal invites elementary children from the surround area to visit the arsenal to celebrate the annual Earth Day celebration. Activities include a mock environmental spill, an artifact display, hands on demonstrations, and rotating through activities at the Path to Nature.

eCYBERMISSION – Department of the Army level web-based science, mathematics and technology competition for student's 6th to 9th grade that promotes self-discovery and enable all students to recognize the real-life applications of science, math and technology. Teams propose a solution to a real problem in their communities and compete for regional and national awards.

Educator Resource Center - NASA has established Educator Resource Centers to disseminate agency-related information and materials to the educational community. The Marshall Space Flight Center Educator Resource Center (ERC) provides expertise and facilities to help formal and informal educators access and use instructional resources that emphasize science, engineering, mathematics, and technology. Educators may select to attend scheduled professional development training sessions or request customized training on the implementation of resources or strategies through the ERC. For more information, visit our website: http://www.nasa.gov/offices/education/centers/marshall/erc/Alabama_ERC.html

Engineering Management Workshop - This 32 hour modular workshop simulates the processes of real-life, on the job projects. Required to design, build, and test systems that meet specific requirements. Engineering management skills and competencies such as: risk management, technical reviews, and configuration management

PROGRAM DESCRIPTIONS

Financial Management Leadership Program – FMLP is a two-year training program intended to develop core competencies in all aspects of financial management, including program development and evaluation, budgeting, accounting, finance, and other resource management functions. Within each rotation, the Fellow will focus training within two of the following areas: Planning/Programming, Execution, Accounting, and Manpower/Compensation. <http://www.dia.mil/careers/students/>

FMBC National Science Week – FMBC Science Week as a weeklong activity that includes a keynote speaker and a six-person judging panel during the fun-filled week-long STEM event. The event is held to promote STEM awareness.

Future Acquisition Student Training - a two-year, paid summer employment opportunity designed exclusively to develop future contracting and acquisition leaders. During the program, you'll work with mentors to gain greater knowledge of acquisition issues and challenges. <http://www.armyhire.com/career-opportunities/college-students-recent-grads>

Future Business Leaders of America - Mentoring activity with local high school students to expose high school students to careers in acquisition, contracting and procurement. Expected start date: NOV 2012

Gains in the Education of Math & Science (GEMS) - GEMS is an Army Educational Outreach Program (AEOP) sponsored STEM learning experience, which enables students to experience science in a real laboratory setting. The program is based on a multi- disciplinary educational curriculum, and is focused on age- and grade-appropriate hands-on activities in areas such as science, engineering, mathematics, computational sciences, physics, optics, robotics, and chemistry.

Garrison Quarterly Educator Meetings – A quarterly meeting between Garrison Commander and area superintendents, central office staff and principals to discuss areas of educational concern particular to the military, mobile child.

Girls Science & Engineering Day – Program designed to encourage girls with an interest in science, technology, engineering and math. The girls attend workshops with topics including raptors, robotics, medicine, biology (worm races), math games on interlinked computers, weather, fossils, reptiles, rockets and more.

Impact Aid - The mission of the Impact Aid Program is to disburse Impact Aid payments to local educational agencies that are financially burdened by federal activities and to provide technical assistance and support services to staff and other interested parties. <http://www.ed.gov/about/offices/list/oese/impactaid/index.html>

Job Shadow Day - AMCOM hosts “Job Shadow Day” for high school students. Students spend a day engaging with employees at AMCOM and touring various AMRDEC technical laboratories. Following the event, students write a 1-2 page essay about their “Job Shadow Day Experience.” Certificates of Recognition and the Commanding General’s coins are presented to the essay winners.

Junior Achievement North Alabama Adventures in Engineering - Adventures in Engineering (AIE) is a program that allows high school juniors and seniors the opportunity to meet various types of engineers on Redstone Arsenal. There are hands-on activities and a wealth of information from companies such as U.S. Army Aviation and Missile Command, U.S. Army Space and Missile Defense Command, NASA

PROGRAM DESCRIPTIONS

Marshall Space Flight Center, Missile Defense Agency and Missile and Space Intelligence Center. http://www.janaonline.org/index.php?option=com_content&task=view&id=56&Itemid=125

Junior Achievement North Alabama Job Shadow - High school students in North Alabama shadow an assigned employee to learn basic job functions and skills. Frequency (MDA specific): fall (same day as Adventures in Engineering) and spring (same day as Bring Your Child to Work Day).

Junior Reserve Officers' Training (JROTC) Awards Program – Annual Army JROTC awards program to recognize individual cadets from local high schools with national and local honors.

Junior Reserve Officers' Training Corps (JROTC) Tours – Fun-filled and informative activities and tour of Redstone Arsenal specifically tailored for JROTC youth.

Leader Reaction Ropes Course – Series of rope courses meant to improve participant's communication, trust, leadership, cooperation, listening, planning ahead, and much more. <http://www.ussrc.com/mu/groups/area51>

March2Success – a free, Web based test preparation course that provides assistance taking standardized tests and improving math, science and language arts skills. The curriculum is designed by Peterson's & Educational Options Inc., and sponsored by the U.S. Army. There is no obligation to teachers, parents or students who use or recommend the use of March2Success. www.march2success.com.

Materials World Modules (MWM) – MWM are hands-on, inquiry and design-based units for middle and high school students. Based on materials science and nanotechnology principles, this interdisciplinary approach engages students, adds relevance to traditional curriculum, and has been shown to improve science knowledge for all students. <http://www.materialsworldmodules.org/>

MathAlive! - Primarily designed for kids in grades 3-8, the exhibition brings to life the real math behind what kids love most – video games, sports, fashion, music, robotics and more – and creates interactive and immersive experiences that bring to life the math at work in each, whether in design, application or use. (September – February)

MDA Engineering in Art - 4th and 5th grade participants at Girls Inc. learn basic principles of art and fundamentals of science and engineering, including the force, mass, motion, and engineering design process, while studying kinetic sculptures. Frequency: summer, annually.

MDA Target...? College! – Roundtable forum providing information to parents, school-site personnel, educational administrators, and community leaders, who work with 6th – 12th grade students, with the goal of increasing support for students with STEM degree college interests. Frequency: fall and spring, bi-monthly.

Missile Defense Agency's Math Challenge Week - 8th grade student teams predict and verify a physics problem, emphasizing applied mathematics and accenting experimentation and discovery, to learn how math helps us understand our world. Frequency: late spring (school site activity) or summer (teacher training), annually.

NASA Internships, Fellowships, and Scholarships - NASA's One Stop Shopping Initiative (OSSI) for

PROGRAM DESCRIPTIONS

NASA Internships, Fellowships, and Scholarships is a NASA-wide system for the recruitment, application, selection and career development of undergraduate and graduate students primarily in science, technology, engineering and mathematics disciplines. For more information, visit this website: <https://intern.nasa.gov/content/internship-information/index.html>

National Engineers Week Mentoring Activity – An annual event held in February that celebrates the positive contributions engineers make to society. During National Engineers week individuals from the U.S. Corp of Engineers mentor engineering students from local colleges and universities.

National Defense Education Program (NDEP) – NDEP supports the future workforce needs of the Department of Defense. NDEP does this by supporting US students across the entire spectrum of their education experience via three major program components – a (1) pre-college program, a (2) university scholarship program and a (3) faculty fellowship program. Through the pre-college program NDEP focuses on engaging students in the elementary, middle and high school (K-12) years and offering them innovative learning experiences, opportunities and tools. <http://www.ndep.us/Default.aspx>

Parent to Parent - The MCEC Parent to Parent program empowers parents to be their child's strongest advocate on educational and social issues through MCEC Parent Workshops. <http://www.militarychild.org/parents-and-students/programs/parent-to-parent>

Panoply Arts Festival: Panoply is the Southeast's premier arts weekend where Huntsville innovative spark shines through a festival of art, music and more. Children 12 and under are admitted free to this three day celebration of the arts, culture and entertainment in downtown Huntsville. The Panoply Arts Festival includes five stages with live performances throughout the weekend, interactives for all ages with a focus on science, technology, engineering, art and math, a creative playspace full of surprises and a World Discovery Zone that embraces the explorer in us all. The 33rd Panoply Arts Festival will be April 24th – 26th, 2015. AGES/GRADES: All

Panoply School Days: Each year, 2,000 children from public, private and homeschool groups come to Big Spring International Park to take part in an exclusive tour of the Panoply Arts Festival before the park opens to the public. They enjoy performances and interactive activities in dance, drama, visual art and music, and the Panoply School Days Curriculum Companions provide excellent ways educators can use Panoply experiences to enhance math, science, reading and other core subjects in the classroom. Panoply School Days will be Friday, April 24th, 2015.

Pass the Torch Lecture Series - The Space & Rocket Center hosts free lectures from inspirational speakers.

Professional Development for Educators – Professional Development is available to school personnel through the Military Child Education Coalition.

Read Across America – A nationwide reading celebration that takes place annually on March 2—Dr. Seuss's birthday. <http://www.seussville.com/Educators/educatorReadAcrossAmerica.php>

Robotics Day Camp - One day Space Day Camp for ages 7-11 that focuses on basic engineering and design principles with robots. Among other activities, participants design a small robotic car, compete in a robotic car race, and design a small obstacle course for their robotic car. <http://www.spacecamp.com/mu/day camps>

PROGRAM DESCRIPTIONS

SAME Science Fair – Employees from the Corp of Engineers judge college student science fair projects.

Saturday Scientist Series – Series of Children's workshops, including the Hubble Art Workshop (Ages 3-12), Build a Monkey Workshop (Ages 3-12), Space Food Workshop (Ages 7-12), Space Suits Workshop (Ages 7 and up), and Build a Moon Rock (Ages 3-12). <http://www.spacecamp.com/mu/workshops>

School Career Days - Address 4th - 6th grade students on Career Awareness, Students will rotate through classrooms in 30 minute intervals, Center employees will speak about their career path, educational, preparation and the significance of their career in the federal governments.

School Liaison Program – The School Liaison Officer manages and coordinates education support services at the installation level as well as promotes quality education for military connected children and youth.

Science & Engineering Apprentice Program/Qualified College Leader (SEAP) –AMRDEC's SEAP/CQL summer program is eight weeks in duration and is designed to engage high school and college students in hands-on activities and student/mentor relationships that encourage careers in science and engineering. This program allows students to apprentice in fields of their choice with experienced scientists and engineers.

Science Technology Engineering & Mathematics Summer Experience (SSE) - SSE is a National Defense Education Program (NDEP) sponsored STEM learning camp, designed to aid in the development of critical thinking skills utilizing inquiry and design based STEM learning methods, to broaden the students' interest in science, technology, engineering, and mathematics (STEM) disciplines, while working in teams.

Science, Math & Research for Transformation (SMART) – Scholarships for undergraduate, masters, and doctoral students who have interest in Science, Technology, Engineering, and Mathematics fields.

Space Day Camp - One day Space Day Camp for ages 7-11 that focuses on space related activities. Among other activities, participants run a "skybase" mission, perform hands-on astronaut experiments like the real astronauts on the space station, observe rocketry principles in action by building and launching rockets, and learn about living and working in space. <http://www.spacecamp.com/mu/daycamps>

Special Olympics – A year-round sports training and athletic competition in a variety of Olympic-type sports for children and adults with intellectual disabilities*, giving them continuing opportunities to develop physical fitness, demonstrate courage, experience joy and participate in a sharing of gifts, skills and friendship with their families, other Special Olympics athletes and the community. <http://specialolympicsalabama.com/home.html>

Spring Into Summer Activities Fair: Usually held in March at a local museum, this free event provides parents with information about local spring break and summer programs for children of all ages produced by The Arts Council membership. Over 40 local organizations are on hand to assist families as they seek camps and classes in dance, film, theater, music, visual art, history, engineering, science and much more. Live music, stage performances, and hands-on children's activities make this free event something the whole family can enjoy.

PROGRAM DESCRIPTIONS

STEM Teacher Training Collaboration Workshop - Designed to prepare and foster the implementation of inductive education in classrooms through inquiry and design methodologies, using a variety of tools. STEM Learning Modules (SLM) in the classroom is paramount to this approach. The five key training foci include, STEM module and content knowledge growth, inquiry-and design-based teaching skills, use of communication skills to support the inquiry-and design-based classroom, integration of research components, integration of digital technology to support inquiry and design content and processes <https://www.educationoutreachherald.com/register/registration-sttc/>

STOKES Educational Scholarship Program – STOKES is a scholarship program designed to recruit senior high school students and college and college sophomores who demonstrate the capability to develop skills critical to the mission of the National Security Agency. These skills include mathematics, computer science, electrical or computer engineering, and certain languages. www.goddefense.com/stokes.html

Student 2 Student - The MCEC Student 2 Student (S2S) program trains civilian and military-connected high school students to establish and sustain peer-based programs in their schools to support mobile children as they transition to and from the school. <http://www.militarychild.org/parents-and-students/programs/parent-to-parent/>

UAHuntsville Innovative System Project for the Increased Recruitment of Emerging STEM Students - High school teams' develop a spacecraft payload, with their supervising college engineering teams. Frequency: fall and spring.

U.S. Space & Rocket Center Field Trips - designed to introduce students to the dramatic history of space exploration. Groups of 15 or more can embark on this daylong outer space adventure! www.space.camp/mu/groups/dailytours

Volunteer Services – Volunteer services offers a trained and resourced professional volunteer force supported by Army leadership and prepared to contribute to Army readiness and well-being. The Volunteer Services Coordinator coordinates and facilitates installation volunteer activities while serving as an advocate for volunteers and is a link between individual volunteers and the agencies utilizing volunteer services.

ARMY MATERIEL COMMAND

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ARMY CONTRACTING COMMAND

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THE ARTS COUNCIL

For information about our membership, volunteering, or the Education Resource Guide

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For information about Panoply School Days or other arts education opportunities, contact The Arts Council at (256) 519-2787 or visit www.artshuntsville.org.

ATF- NATIONAL CENTER FOR EXPLOSIVES TRAINING & RESEARCH

Special Agent Bradley S. Earman, Acting Director, NCETR
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AVIATION & MISSILE LIFE-CYCLE MANAGEMENT COMMAND

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